

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty. Docket No. AOL0113 Applicant: Ellis Verosub, et al. Filing Date: December 11, 2003 Serial No.: 10/734,991 Group: 2615
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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Issue Date	Patentee	Class	Sub-class	Filing Date
JWW ↓	1	5,528,513	6/18/1996	Vaitzbitt et al			
	2	5,585,866	Dec-96	Miller et al.			
	3	5,616,876	4/1/1997	Cluts			
	4	5,644,715	7/1/1997	Baughner			
	5	5,671,195	09/1997	Lee, Howard Hong-Dough			
	6	5,734,119	3/3/1998	France et al			
	7	5,761,417	7/28/1998	Henley et al.			
	8	5,784,597	07/1998	Chiu et al.			
	9	5,787,482	7/28/1998	Chen et al			
	10	5,792,971	8/11/1998	Timis et al			
	11	5,819,160	10/6/1998	Foldare et al			
	12	5,907,827	05/1999	Fang et al.			
	13	5,913,039	6/15/1999	Nakamura			
	14	5,930,765	07/1999	Martin, John R			
	15	5,944,778	8/31/1999	Takeuchi et al			
	16	5,956,321	9/21/1999	Yao et al			
	17	5,956,491	9/21/1999	Marks			
	18	5,959,945	09/1999	Kleiman, Ruben			
	19	5,963,914	10/5/1999	Skinner et al			
	20	5,996,015	11/30/1999	Day et al			
	21	6,029,257	2/22/2000	Palmer			
	22	6,031,797	2/29/2000	Van Ryzin et al			
	23	6,041,354	3/21/2000	Biliris et al			
	24	6,044,398	3/28/2000	Marullo et al			
	25	6,061,722	5/9/2000	Lipa et al			
	26	6,067,562	5/23/2000	Goldman			
	27	6,088,722	7/11/2000	Herz			
	28	6,112,023	8/29/2000	Dave et al			
	29	6,157,940	12/5/2000	Marullo et al			
	30	6,160,812	12/2000	Bauman et al			
	31	6,168,481	12/1/1992	Culbertson et al			
	32	6,173,325	1/9/2001	Kukreja			
	33	6,185,701	2/6/2001	Marullo et al			
	34	6,192,340	2/20/2001	Abecassis			
	35	6,195,701	2/27/2001	Kaisnerworth et al			
	36	6,199,076	3/6/2001	Logan et al			
	37	6,222,530	4/24/2001	Sequiera			
	38	6,226,672	5/1/2001	DeMartin et al			
	39	6,243,328	6/5/2001	Fenner et al			
	40	6,243,725	6/5/2001	Hempleman et al			
	41	6,247,061	6/12/2001	Douceir			
	42	6,248,946	6/19/2001	Dwek			

43	6,263,362	7/17/2001	Donoho et al			
44	6,266,788	7/24/2001	Othmer et al			
45	6,300,880	10/9/2001	Sitnik			
46	6,314,576	11/2001	Asamizuya et al.			
47	6,332,163	12/18/2001	Bowman-Amuah			
48	6,356,936	3/12/2002	Donoho et al			
49	6,366,914	4/2/2002	Stern			
50	6,421,651	7/16/2002	Tedesco et al			
51	6,430,537	8/6/2002	Tedesco et al			
52	6,434,621	8/13/2002	Pezzillo et al			
53	6,434,628	8/13/2002	Bowman-Amuah			
54	6,438,450	8/20/2002	DiLorenzo			
55	6,438,630	8/20/2002	DeMoney			
56	6,441,832	8/27/2002	Tao et al			
57	6,446,080	9/3/2002	Van Ryzin et al			
58	6,446,125	9/3/2002	Huang et al			
59	6,446,126	9/3/2002	Huang et al			
60	6,453,316	9/17/2002	Kairbe et al			
61	6,477,541	11/2002	Korst et al			
62	6,477,707	11/2002	King et al.			
63	6,492,469	12/2002	Willis et al			
64	6,496,744	12/17/2002	Cook			
65	6,502,194	12/2002	Berman et al.			
66	6,505,160	1/7/2003	Levy et al			
67	6,519,648	2/11/2003	Eyal			
68	6,526,411	2/25/2003	Ward			
69	6,529,586	3/4/2003	Elvins et al			
70	6,536,037	3/18/2003	Guheen et al			
71	6,542,445	4/1/2003	Ijichi et al			
72	6,546,397	4/8/2003	Rempell			
73	6,550,057	4/15/2003	Bowman-Amuah			
74	6,601,041	7/29/2003	Brown et al			
75	6,772,435	08/2004	Thexton et al			
76	6,910,220	06/2005	Hickey et al			
77	6,950,623	Sep-05	Brown et al			
78	7,020,710	03/2006	Weber et al			
79	7,020,893	03/2006	Connelly, Jay H			
80	7,136,906	Nov-06	Giacalone Jr., Louis D.			
81	7,185,352	Feb-07	Halford et al.			
82	7,024,485	Apr-06	Dunning et al..			
83	6,609,097	Aug-03	Costello et al.			

Published U.S. Patent Application

Examiner Initial	No.	Document No.	Publication Date	Assignee	Class	Sub-class	Translation	
							Yes	No
	1	2001/0003828	6/14/2001	Peterson et al				
	2	2001/0030660	10/2001	Zainoulline, Roustem				
	3	2002/0032907	03/2002	Daneils John J.				
	4	2002/0059237	05/2002	Kumagai et al.				
	5	2002/0059624	05/2002	Machida et al				
	6	2002/0068525	06/2002	Brown et al.				
	7	2002/0078056	6/20/2002	Hunt et al.				
	8	2002/0082914	6/27/2002	Beyda et al				

	8	The Valid Web: an Infrastructure for Temporal Management of Web Documents; ADVIS 2000; Lecture Notes in Computer Science; Vol 1909, p. 294-303, Izmir, Turkey; pub: Springer-Verlag; 2000; xvi-460pp.; Germany
	9	Usability Studies and Designing Navigational Aids for the World Wide Web; 6th Intl World Wide Web Conf.; Santa Clara, CA; USA; Pub: Elsevier Comput. Netw. ISDN Syste; vol 29, no. 8-13, p.1489-96; Sept 1997; Netherlands
	10	Coordinated CPU and Event Scheduling for Distributed Multimedia Applications.; ACM Multimedia; Ottawa, Canada
	11	"Packet Synchronization Recovery Circuit" Vol 16, No 294, P.120
	12	HODSON, O., PERKINS, C., HARDMAN, V., "Skew detection and compensation for Internet audio application" Part vol.3, p.1687-90, 2000 IEEE International Conference on Multimedia Proceedings, USA
	13	AURRECOECHEA, C., CAMPBELL, A., HAUW, L., "A Survey of QoS Architectures", Columbia University, New York
	14	CEN, S., PU, R., STAEHL, R., WALPOLE, J., "A Distributed Real-Time MPEG Video Audio Player", Dept of Computer Science and Engineering, Oregon Graduate Institute of Science and Technology
	15	MANOUSELIS, N., KARAPIPERIS, P., VARDIAMBASIS, I.O., MARAS, A., "Digital Audio Broadcasting Systems under a QoS Perspective", Telecommunications Laboratory, Dept. of Electronics & Computer Engineering, Technical University of Crete, Greece
	16	Helix Universal Gateway Configuration Guide, RealNetworks Technical Blueprint Series
	17	SION, R., ELMAGARMID, A., PRABHAKAR, S., REZGUI, A., "Challenges in designing a QoS aware Media Repository (working draft) Computer Science, Purdue University, IN
	18	CHEN, Z., TAN, S.-M., CAMPBELL, R., LI, Y., "Real Time Video and Audio in the World Wide Web", Dept. of Computer Science, Univ. of Illinois, Champagne - Urbana
	19	Content Networking with the Helix Platform, RealNetworks White Paper Series, July 2002
	20	HESS, C., Media Streaming Protocol: An Adaptive Protocol for the Delivery of Audio and Video Over the Internet", 1998, Univ. of Illinois, Champagne-Urbana
	21	KOSTER, R., "Design of a Multimedia Player with Advanced QoS Control", January 1997, Oregon Graduate Institute of Science and Technology
	22	NARASIMHA, R. et al. "I/O Issues in a Multimedia System"; Computer, Vol. 27, No. 3, pg 69-74, March 1994, USA
	23	RAMAKRISHNAN, K.K. et al; "Operating system Support for a video-on-demand file service"; Multimedia Systems; Vol. 3, No. 2, Pg. 53-65, 1995 West Germany
	24	NWOSU, K.C. et al "Data Allocation and Spatio-Temporal Implications for Video-on-Demand Systems"; Proceedings of 1995 14th Annual Phoenix Conference on Computers and Communications; (Cat. No.95CH35751), pg. 629-35; IEEE: 1995 USA
	25	EUN, S.; et al. "Nonpreemptive scheduling algorithms for multimedia communication in local area networks"; Proceedings 1995 Intl Conf on Network Protocols (Cat. no.: 95TB18122) pg. 356-IEEE Comput. Soc. Press; 1995 Los Alamitos, CA USA 1996
	26	NAKAJIMA, T.; "A Dynamic QoS control based on Optimistic processor reservation"; Proceedings of the Intl onf. on Multimedia Computing and Systems (Cat. No.: 96TB100057), pg. 95-103, IEEE Comp. Soc. 1996, Los Alamitos, CA
	27	Orji, C.U. et al; "Spatio-temporal effects of multimedia objects storage delivery on video-on-demand systems"; Multimedia Systems; vol. 5, no. 1, pg 39-52, Springer-Verlag; January 1997, Germany
	28	KENCHAMMANA-HOSEKOTE, D.R., et al.; "I/O scheduling for digital continuous media"; Multimedia Systems, vol. 5, no.4, pg 213-37, Springer-Verlag, July 1997 Germany
	29	MATSUI, Y et al.; "VoR: a network system framework for VBRT over reserved bandwidth"; Interactive Distributed Multimedia Systems and Telecommunications Services, 4th Intl Workshop, IDMS '97 Proceedings; pg 189-98, Springer-Verlag; 1997, Berlin, Germany
	30	LULING, R. et al.; "Communication Scheduling in a Distributed memory parallel interactive continuous media server system"; Proceedings of 1998 ICPP Workshop on Architectural systems and OS Support for Multimedia Applications Flexible Communications Systems, Wireless Networks and Mobile Computing; (Cat. no. 98EX206) pg 56-65; IEEE Comput. Soc, 1998 Los Alamitos, CA USA
	31	SEONGBAE, E., et al; "A real-time scheduling algorithm for multimedia communication in samil dedicated multimedia systems"; KISS(A) (Computer Systems and Theory) vol 25, no.5, pg492-502; Korea Inf. Sci. Soc; May 1998, South Korea, 1999
	32	GAROFALAKIS, M.N., et al. "Resource scheduling in enhanced pay-per-view continuous media databases"; Proceedings of 23rd Intl Conf. on Very Large Databases"; pg 516-25; Morgan, Kaufman Publishers, 1997, San Francisco, CA USA 1999



	33	MOSTEFAOUI, A.; "Exploiting data structures in a high performance video server for TV archives"; Proceedings of the Int'l Symposium on Digital Media Information Base, pg 516-25, World Scientific, 1998 Singapore
	34	GAROFALAKIS, M.N., "On periodic resource scheduling for continuous media databases: VLDB Journal, Vol 7, no.4, pg 206-25; 1998 Springer Verlag, Germany 1999
	35	HWEE-HWA, P., et al., "Resource Scheduling In a High Performance Multimedia Server," IEEE, March-April 1999, USA.
	36	YOUNG-UHG, L. et al., "Performance analysis and evaluation of allocating subbanded video data block on MZR disk arrays"; Proceedings of the High Performance Computing (HPC'98) pg 335-40, Soc for Comp Simulation Intn'l 1998, San Diego, CA, USA
	37	FENG, C. et al.; "An architecture of distributed media servers for supporting guaranteed QoS and media indexing", IEEE Intn'l Conf on Multimedia Computing and Systems, Part vol. 2 IEEE Comp. Soc. 2 vol. 1999 Los Alamitos, CA 1999
	38	TO, T.-P.J. et al "Dynamic optimization of readsize in hypermedia servers"; IEEE Intn'l Conf on Multimedia Computing and Systems; Part vol. 2, pg 486-91, Pub. IEEE Comput. Soc. 2 vol. 1999 Los Alamitos, CA USA
	39	LEE, W. et al., "QoS-adaptive bandwidth scheduling in continuous media streaming"; Information and Software Technology; v.44n, June 2002, pg 551-563
	40	WADDINGTON, D.G., "Resource partitioning in general purpose operating systems; experimental results in Windows NT"; Operating Systems Review, vol. 33, no.4, pg52-74; ACM, October 1999, USA
	41	DITZE, M. et al. "A method for real-time scheduling and admission control of MPE 2 streams; PART 2000; 7th Australian Conference on Parallel and Real-Time Systems", Nov. 2000, Sydney, NSW, Australia, Pub: Springer-Verlag, Hong Kong, China 2001
	42	GAROFALAKIS, M., et al, "Competitive Online scheduling of continuous media streams", Journal of Computer and Systems Sciences; vol64, no2 pg 219-48, Academic Press, March 2002 USA
	43	WONJON, L. et al. ; "QoS-adaptive bandwidth scheduling in continuous media streaming" Dept of Computer Sci and Engr, Korea University, Seoul, South Korea; Information and Software Technology, vol 44, no9, pg551-53, Seoul, Korea
	44	MOURLAS, C.; "Deterministic scheduling of CBR and VBR media flows on parallel media servers", Euro-Par 2002 Parallel Processing 8th Intn'l Euro-Par Conference Proceedings; Vol 2400, pg 807-15, August 2002, Paderborn, Germany 2003
	45	BUFORD, J.F.; "Storage server requirements for delivery of hypermedia documents", Proceedings of the SPIE - The International Society for Optical Engineering Conference, Int. Soc. Opt. Eng. vol2417, pg 346-55, 1995

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/John Winter/

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